

# ABBREVIATED PRELIMINARY ASSESSMENT CHECKLIST

Approved CPC  
10/9/12  
SI Needed

This checklist can be used to help the site investigator determine if an Abbreviated Preliminary Assessment (APA) is warranted. This checklist should document the rationale for the decision on whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

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Site Name: Stony Hill Road TCE Site  
 Previous Names (if any):   
 EPA ID # TBA  
 Site Location: 7303 Stony Hill Road, Wake Forest, Wake County, NC  
 Latitude: 35.9895° Longitude: -78.6080°

Describe the release (or potential release) and its probable nature: A circuit board assembling operation took place at 7303 Stony Hill Road. Degreasing operations were a part of this operation. Methods of disposal of the used solvents is not known.

## Part 1 - Superfund Eligibility Evaluation

If all answers are no, go on to Part 2, otherwise proceed to Part 3.

	YES	NO
1. Is the site currently in CERCLIS or an alias of another site?		X
2. Is the site being addressed by some other remedial program (Federal, State, or Tribal)?	X	
3. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (e.g., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		X
4. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA corrective action)?		X
5. Is there sufficient documentation to demonstrate that no potential for a release that could cause adverse environmental or human health impacts exists (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, or an EPA approved risk assessment completed)?		X

### Please explain all yes answers.

The site is currently subject to a Removal Action by EPA Region 4 ERRB. The NC Division of Waste Management, Inactive Hazardous Sites Branch (IHSB) is trying to solicit cooperation from several PRPs to perform a Site Assessment for the site. None of the potentially responsible parties solicited by the IHSB have agreed to conduct assessment and cleanup.

## Part 2 - Initial Site Evaluation


Use Exhibit 1 of the APA fact sheet to make site assessment decisions based on the answers below:	YES	NO
1. Does documentation indicate that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	X	
2. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on site or immediately adjacent to the site?		X
3. Is there an apparent release and no documented on-site targets or targets immediately adjacent to the site, but there are nearby targets (e.g., targets within 1 mile)?		X
4. Is there no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on site or in proximity to the site?		X
5. Does the site lack documented on-site, adjacent, or nearby targets?		X
6. Does the site lack releases or potential to release?		X
7. Does the site lack uncontained sources containing CERCLA eligible substances are present on site?		X

In August 2005, Wake County Environmental Services Department sampled a well at 7305 Stony Hill Road (SHR) in response to a citizen request. Chlorinated solvents above the Maximum Contaminant Level (MCL) were detected. The site was referred to the NC Division of Water Quality and re-sampled along with two other nearby wells. Only the initial well was impacted. The residence was hooked up to a neighbor's clean well. Four more wells across SHR were sampled and shown not to be impacted. Soils around the 7303 and 7305 SHR properties were sampled in December 2005 and March 2006. The maximum PCE level detected was 32 ug/kg and TCE was 3 ug/kg. Additional soils sampling by Agra Environmental, contracted by Mr. Don Albright, in May 2006 indicated impacts to the soils around a drainline that originated from a sink in the small shed behind the facilities at 7303 SHR. PCE, TCE and 1,1,1-TCA were detected at levels less than 11 ug/kg.

In June 2012, NC Division of Waste Management (DWM, Inactive Hazardous Sites Branch (IHSB) contacted 10 residences around the site to perform follow-up sampling. Three residences granted permission. Samples collected at 7305 and 7333 SHR indicated impact by PCE and TCE above the Maximum Contaminant Levels (MCLs) for these compounds. NC DWM referred the site to EPA Region 4 Emergency Response and Removal Branch (ERRB) on July 10, 2012. From July through September 2012 ERRB has sampled over 100 potable wells in the vicinity of the site, including 11 community wells. 10 private wells have been impacted by TCE above the MCL, 5 additional wells are impacted above the Drinking Water Screening Concentration for cancer (1 ug/l) and two other wells have detections below this level.

## Part 3 - State Site Assessment Recommendation

Check the box that applies based on the conclusions of the APA:

<input type="checkbox"/>	NFRAP
<input checked="" type="checkbox"/>	Higher Priority SI
<input type="checkbox"/>	Lower Priority SI
<input type="checkbox"/>	Defer to RCRA Subtitle C
<input type="checkbox"/>	Defer to NRC
<input type="checkbox"/>	Refer to Removal Program - further site assessment needed
<input type="checkbox"/>	Refer to Removal Program - NFRAP
<input type="checkbox"/>	Site is being addressed as part of another CERCLIS site
<input type="checkbox"/>	Other:
<b>State Reviewer:</b> <u>Harry Zinn/ </u>	
<div style="display: flex; justify-content: space-between;"> <span>Print Name/Signature</span> <span>10/09/12</span> </div> <div style="display: flex; justify-content: space-between;"> <span></span> <span>Date</span> </div>	